10/537676 JC09 Rec'd PCT/PTO 18 JUN 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

Based on PCT/JP2003/015836

Filed:

Intl. Filing 11 DECEMBER 2003

1st Inventor:

Shuji HINUMA

For:

Novel Use of EDG Receptors

Atty. Dkt. No.

3127 US0P

Art Unit:

tba

Examiner:

tba

Allowed:

Batch:

Paper No.:

Information Disclosure Statement

MAIL STOP PCT P.O. Box 1450 Commissioner for Patents Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, 1.97 and 1.98, Applicants request consideration of the references listed on the attached Forms PTO/SB/08A and PTO/SB/08B. A legible copy of each listed reference is herewith being provided to the Examiner.

This Information Disclosure Statement is being submitted within 3 months of the filing date of the above-identified application, and before the mailing date of the first Office Action on the merits, thus, no certification or fee is required.

Applicants respectfully request that the listed documents be considered by the Examiner and formally be made of record in the present application and that an initialed copy of the attached form PTO/SB/08A be returned in accordance with MPEP §609.

Should the Examiner believe that a conference with Applicants' attorney would advance prosecution of this application, the Examiner is respectfully requested to call Applicants' attorney.

Dated:

(847) 383-3372

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Respectfully submitted,

Mark Chao, Ph.D., Reg. No. 37,293

Elaine M. Ramesh, Ph.D., Reg. No. 43,032

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO	Complete if Known		
	Application Number	Based on PCT/JP2003/015836	
INFORMATION DISCLOSURE	Filing Date	Intl Filing 11 DECEMBER 2003	
	First Named Inventor	Shuji HINUMA	
STATEMENT BY APPLICANT	Art Unit	tba	
(Use as many sheets as necessary)	Examiner Name	tba	
Sheet 1 of 4	Attorney Docket Number	3127 US0P	

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
-	A1	^{US-} 6,380,177 B1	04/30/2002	James R. Erickson	
_	A2	^{US-} 2003/0027800 A1	02/06/2003	D. D. Miller, et al.	
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	A3	WO 01/03739 A1 - Abstract	01/18/2001	Ono Pharmaceutical Co.		
	A4	WO 02/077642 A1 - Abstract	10/03/2002	Nippon Shinyaku Co., Ltd.		M
	A5	EP 1195165 A1	04/10/2002	Ono Pharmaceutical Co.		
	A6	WO 99/33972	07/08/1999	Allelix Biopharmaceuticals		
	A7	JP 2002-360118 - Abstract	12/17/2002	Nippon Shinyaku Co, Ltd.		
	A8	WO 03/051876 A1 - Abstract	06/26/2003	Japan Tobacco Inc.		Ħ

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Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
	<u> </u>	Country Code ³ Number ⁴ Kind Code ⁵ (if known) MM-DD-YYYY		Or Relevant Figures Appear	T ⁶		
	A9	WO 2004/002430 A2	01/08/2004	Combinatorx Incorporated			
	A10	WO 03/024402 A2	03/27/2003	The Univ. of Tenn. Research			
	A11	WO 03/073986 A2	09/12/2003	Merck & Co., Inc.			
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	A14	WO 03/062252 A1	07/31/2003	Merck & Co., Inc.			

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		First Named Inventor	Shuji HINUMA	
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Ū	Sheet 3 of 4	Attorney Docket Number	3127 US0P	

Examiner	Cite	Document Number	U. S. PATENT D Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
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		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
	A15	WO 03/062248 A2	07/31/2003	Merck & Co., Inc.		
	A16	WO 03/099765 A1-Abstract	12/04/2003	Ono Pharmaceutical Co.		
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STATEMENT BY APPLICANT	First Named Inventor	Shuji HINUMA	

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Sheet 4 of 4 Attorney Docket Number 3127 USOP

NON PATENT LITERATURE DOCUMENTS Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of Examiner Initials* No.1 T^2 the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. YOSHIO TAKADA, et al, "Cloning of cDNAs Encoding G Protein-Coupled Receptor Expressed in Human Endothelial Cells Exposed to Fluid Shear Stress", Biochemical and A17 Biophysical Research Communications, (1997), pp. 737-741, Vol. 240. SONGZHU AN, et al., "Molecular Cloning of the Human Edg2 Protein and Its Identification as a Functional Cellular Receptor for Lysophosphatidic Acid", Biochemical and Biophysical Research A18 Communications, (1997), pp. 619-622, Vol. 231. MENG-JER LEE, et al., "Vascular Endothelial Cell Adherens Junction Assembly and A19 Morphogenesis Induced by Sphingosine-1-Phosphate", Cell, (1999), pp. 301-312, Vol. 99, FANG WANG, et al., "Sphingosine 1-Phosphate Stimulates Cell Migration through a Gi-coupled A20 Cell Surface Receptor", The Journal of Biological Chemistry, (1999), pp. 35343-35350, Vol. 274, CHIYOKO N. INOUE, et al., "Lysophosphatidic Acid and Mesangial Cells: A21 Implications for Renal Diseases", Clinical Science, (1999), pp. 431-436, Vol. 96, NORIO HANFUSA, et al., "Sphingosine 1-Phospate Stimulates Rat Mesangial Cell Proliferation A22 from Outside the Cells", Nephrology dialysis Transplantation, (2002), pp. 580-586, Vol. 17. S. KATSUMA, et al., "Genomic Analysis of a Mouse Model of Immunoglobulin A Nephropathy Reveals an Enhanced PDGF-EDG5 Cascade", The Pharmacogenomics Journal, (2001), pp. A23 211-217, Vol. 1. Y. KOIDE, et al., "Development of Novel EDG3 Antagonists Using a 3D Database Search and Their Structure—Activity Relationships, J. Med. Chem., (2002), pp. 4629-4638, Vol. 45. A24 H. OHTA, et al., "Ki16425, a Subtype-Selective Antagonist for EDG-Family Lysophosphatidic A25 Acid Receptors", Molecular Pharmacology, (2003), pp. 994-1105, Vol. 64, No. 4. DONG-SOON IM, et al., "Characterization of the Human and Mouse Sphingosine 1-Phosphate A26 Receptor, S1P5 (Edg-8): Structure-Activity Relationship of Sphingosine1-Phosphate Receptors", Biochemistry, (2001), pp. 14053-14060, Vol. 40.

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